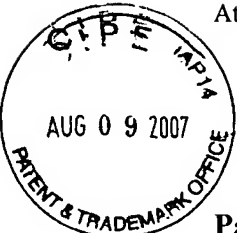


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Shen et al.

Assignee: Atwood Mobile Products, Inc.

U.S. Patent No.: 5,573,648 **Date Issued:** November 12, 1996

Reissue Application No.: 10/621,999 **Date Filed:** July 17, 2003

Application No.: 381,718 **Date Filed:** January 31, 1995

Title: GAS SENSOR BASED ON PROTONIC CONDUCTIVE
MEMBRANES

Mail Stop Reissue
Commissioner for Patents
P.O. Box. 1450
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER FOR SECOND PRELIMINARY AMENDMENT
FOR REISSUE APPLICATION OF U.S. PATENT No. 5,573,648**

Dear Sir:

Enclosed for filing please find the following reissue application papers for the
above referenced patent as sent via U.S. mail:

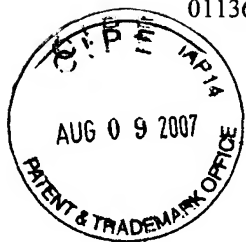
- (i) Second Preliminary Amendment (28 pp.); and
- (ii) Return Receipt Postcard

The Commissioner is hereby authorized to charge all fees or credit overpayments to Deposit Account No. 19-0733.

Respectfully submitted,
Shen et al.

Date: Aug 7, 2007

By: 
Peter D. McDermott (Reg. No. 29,411)
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Shen et al.**Assignee:** Atwood Mobile Products, Inc.**U.S. Patent No.:** 5,573,648 **Date Issued:** November 12, 1996**Reissue Application No.:** 10/621,999 **Date Filed:** July 17, 2003**Application No.:** 381,718 **Date Filed:** January 31, 1995**Title:** GAS SENSOR BASED ON PROTONIC CONDUCTIVE
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Alexandria, VA 22313-1450

SECOND PRELIMINARY AMENDMENT for
REISSUE OF U.S. PATENT No. 5,573,648

Dear Sir:

This Second Preliminary Amendment is filed for the pending reissue application of US Patent No. 5,573,648. Prior to examining the reissue application, please enter the following amendments and remarks.

Amendments to the claims begin on page 2.

Remarks begin on page 26.

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